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Response to Office Action Mailed January 25, 2007

AMENDMENTS TO THE CLAIMS

The following is a complete listing of the claims, which replaces all previous versions and listings of the claims.

1. (Previously Presented) A remote server management controller that snoops data from a communication bus, the remote server management controller comprising:

a FIFO that is adapted to store data snooped from the communication bus; and an embedded bus master that is operatively connected to the communication bus, the embedded bus master being adapted to take control of the communication bus responsive to a signal that the FIFO has become filled to a predetermined level to prevent the FIFO from being overflowed with snooped data while snooped data stored in the FIFO continues to be processed, wherein taking control of the communication bus comprises slowing a rate of snooped data arrival at the FIFO without diverting the snooped data.

2. (Original) The remote server management controller of claim 1, further comprising:

a passive throttling register that stores a value; and wherein the embedded bus master takes control of the communication bus by reading the value and preventing communication on the communication bus for a time period that corresponds to the value.

3. (Original) The remote server management controller of claim 1, wherein the communication bus is a PCI bus.

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4. (Previously Presented) The remote server management controller of claim 2, wherein the value is a number of PCI clock cycles.

5. (Previously Presented) The remote server management controller of claim 2, wherein the embedded bus master is adapted to take control of the communication bus by initiating a PCI read transaction on the passive throttling register.

6. (Previously Presented) The remote server management controller of claim 2, wherein the value is stored in the passive throttling register when the remote server management controller is initialized.

7. (Previously Presented) The remote server management controller of claim 2, wherein the value is updated periodically.

8. (Previously Presented) The remote server management controller of claim 2, wherein the value is proportional to a volume of traffic on the communication bus.

9. (Previously Presented) A managed server, comprising:
a video controller that is operatively connected to a communication bus; and
a remote server management controller that is connected to the communication bus and adapted to snoop data that is intended for the video controller from the communication bus, the remote server management controller comprising:
a FIFO that is adapted to store data snooped from the communication bus; and

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an embedded bus master that is operatively connected to the communication bus, the embedded bus master being adapted to take control of the communication bus responsive to a signal that the FIFO has become filled to a predetermined level to prevent the FIFO from being overflowed with snooped data while snooped data stored in the FIFO continues to be processed, wherein taking control of the communication bus comprises initiating a read transaction on the communication bus.

10. (Original) The managed server of claim 9, further comprising:
a passive throttling register that stores a value; and
wherein the embedded bus master takes control of the communication bus by reading the value and preventing communication on the communication bus for a time period that corresponds to the value.

11. (Original) The managed server of claim 9, wherein the communication bus is a PCI bus.

12. (Previously Presented) The managed server of claim 10, wherein the value is a number of PCI clock cycles.

13. (Previously Presented) The managed server of claim 10, wherein the embedded bus master is adapted to take control of the communication bus by initiating a PCI read transaction on the passive throttling register.

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14. (Previously Presented) The managed server of claim 10, wherein the value is stored in the passive throttling register when the remote server management controller is initialized.

15.. (Previously Presented) The managed server of claim 10, wherein the value is updated periodically.

16. (Previously Presented) The managed server of claim 10, wherein the value is proportional to a volume of traffic on the communication bus.

17. (Previously Presented) A method of passively throttling a communication bus, comprising the acts of:

snooping a communication bus;
storing data snooped from the communication bus in a storage device;
determining if the storage device is filled to a predetermined level; and
preventing further transfers of data on the communication bus responsive to the act of determining if the storage device is filled to a predetermined level, wherein preventing further transfers of data comprises initiating a read transaction on the communication bus.

18. (Original) The method of claim 17, further comprising the acts of:
storing a value in a register;
reading the value; and
wherein the act of preventing further transfers of the specific type of data is performed for a time period that corresponds to the value.

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19. (Cancelled)

20. (Original) The method of claim 17, wherein the recited acts are performed in the recited order.

21. (Previously Presented) A server comprising:

a bus;

a queue communicatively coupled to the bus and configured to store data snooped from the bus; and

a bus master communicatively coupled to the bus, the bus master configured to throttle a flow of snooped data from the bus to the queue if a predetermined amount of data is stored in the queue, wherein throttling the flow of snooped data comprises slowing a rate of snooped data arrival to the queue without diverting the snooped data.

22. (Previously Presented) The server of claim 21, wherein the server is configured to process the snooped data stored the queue while the bus master is throttling the flow snooped data.

23. (Previously Presented) The server of claim 21, wherein the bus master is configured to throttle the flow of snooped data by preventing communication on the bus for a predetermined amount of time.

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24. (Previously Presented) The server of claim 21, wherein the bus comprises a PCI-compatible bus.